

Title (en)  
HYDRAULIC MOORING CABLE HOLDING DEVICE, SYSTEM AND METHOD

Title (de)  
HYDRAULISCHE VERTÄUUNGSSEILHALTEVORRICHTUNG, SYSTEM UND VERFAHREN

Title (fr)  
DISPOSITIF, SYSTÈME ET PROCÉDÉ DE RETENUE DE CÂBLE D'AMARRAGE HYDRAULIQUE

Publication  
**EP 3509937 B1 20200603 (EN)**

Application  
**EP 17762247 A 20170907**

Priority  
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• NL 2017050588 W 20170907

Abstract (en)  
[origin: WO2018048303A1] A hydraulic mooring cable holding device provides a hydraulic cylinder-piston combination (20) for controlling the force on a mooring cable between one end of a ship and a mooring point. An overpressure protection part (26) with hydraulic liquid passing from the hydraulic cylinder (20) to a reservoir (260) when the pressure in the cylinder exceeds a threshold value, and returns the hydraulic liquid when the pressure has dropped. An auxiliary reservoir (24) with a steeper pressure response than the main reservoir (260) is connected in parallel with the main reservoir. The auxiliary reservoir may be connected to and/or disconnected from the cylinder under control of a sensor or a further mooring device at the other end of the ship, to reduce movement of the ship e.g. in swell. Furthermore, pressure from the auxiliary reservoir may be used to drive an electric generator.

IPC 8 full level  
**B63B 21/00** (2006.01)

CPC (source: EP KR US)  
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